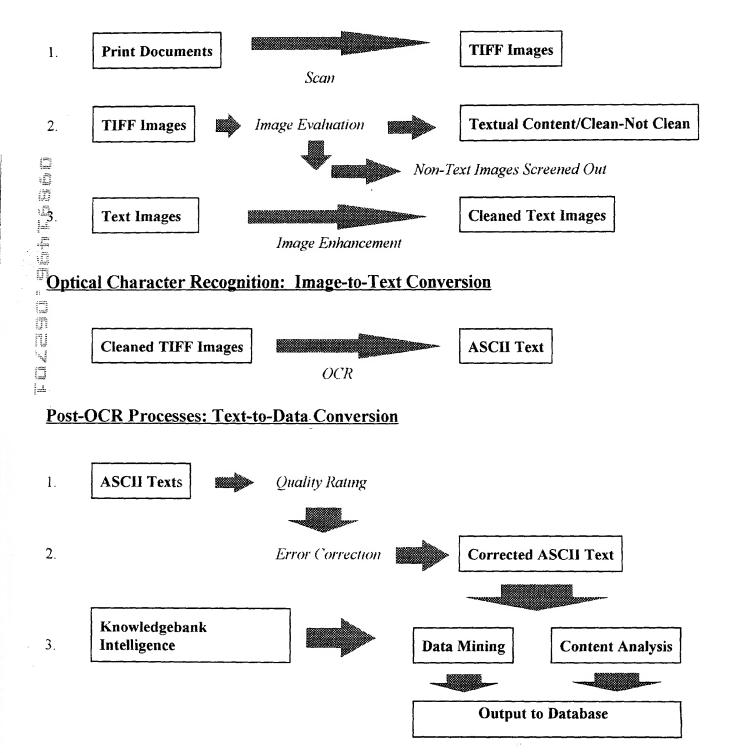
Figure 1

Image-to-Data Processing System:

Pre-OCR Processes



Computer-Aided Error Correction

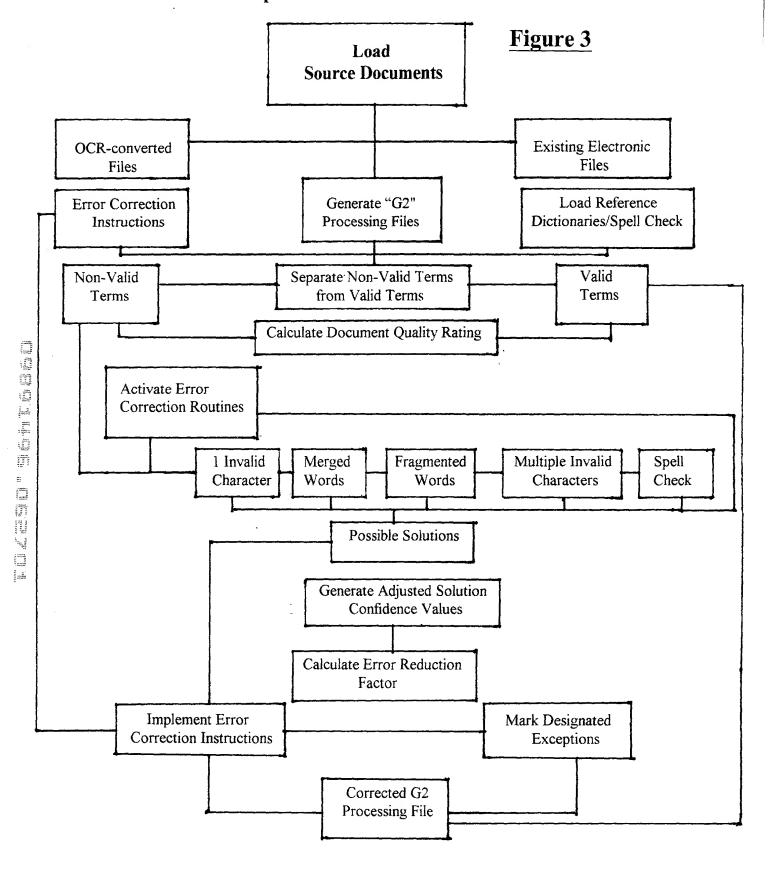
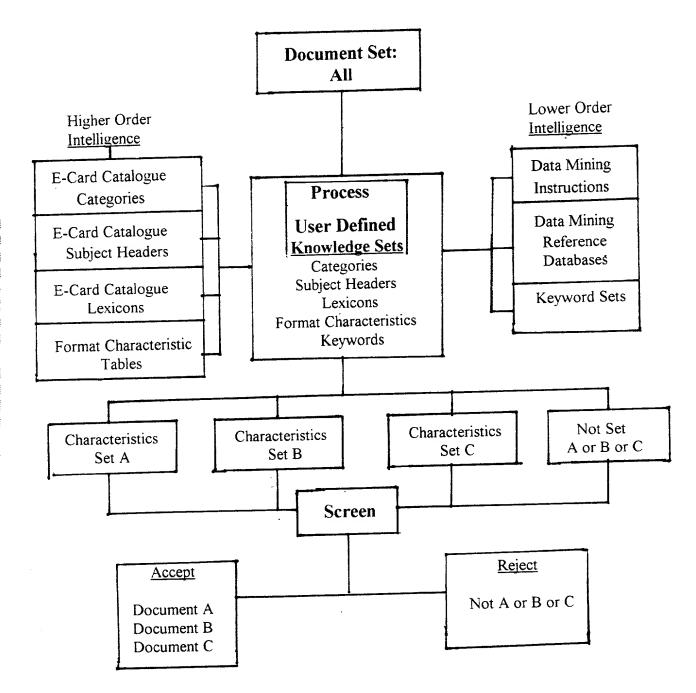
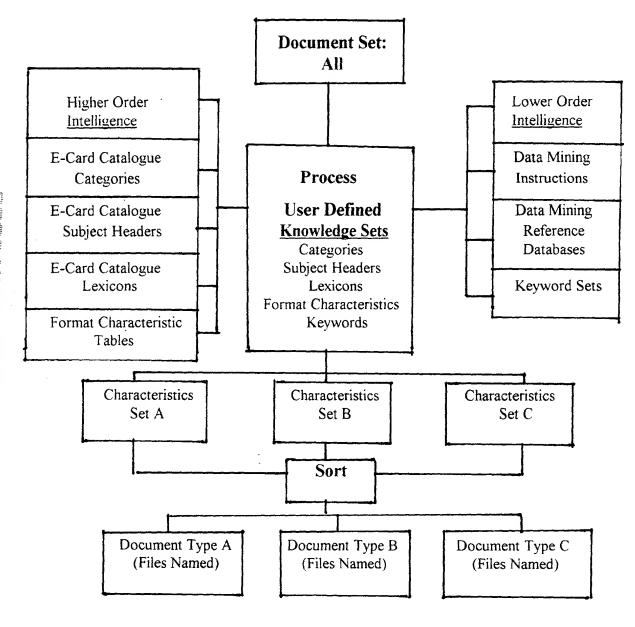


Figure 4

Diagram: Screening





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Figure 6

Diagram: Characterizing

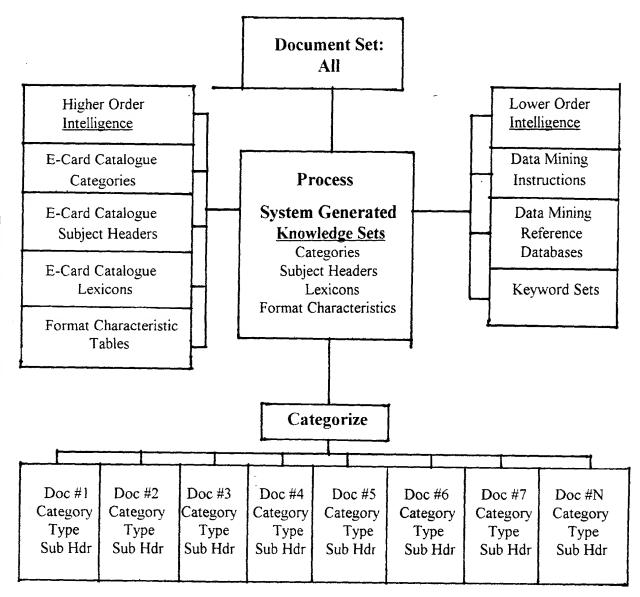


Figure 7

Diagram: Abstracting

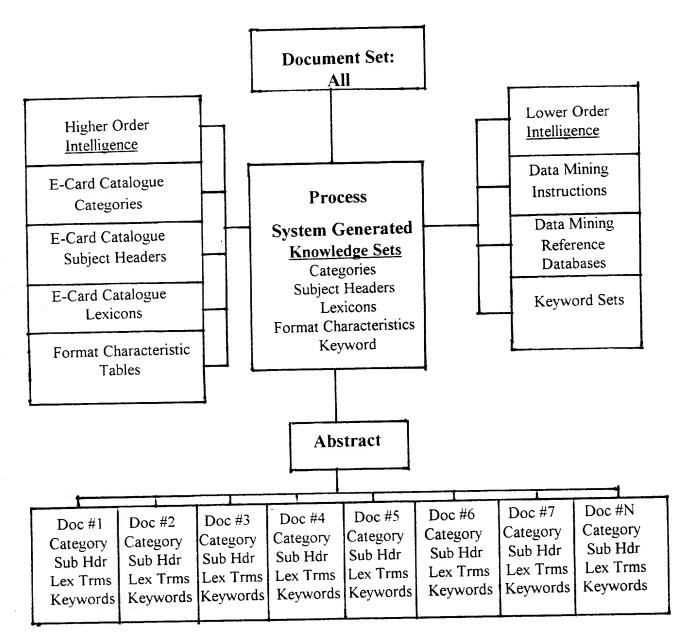


Figure 8

Diagram: Profiling

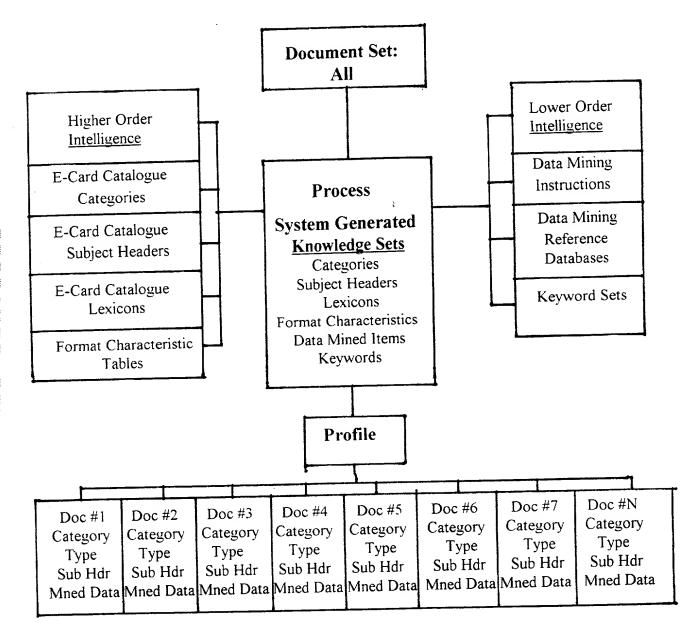


Figure 9

Diagram: Generic Searching **Document Set:** All Lower Order Higher Order Intelligence Intelligence Data Mining E-Card Catalogue Instructions **Process** Categories Data Mining **User Defined** E-Card Catalogue Reference Knowledge Sets Subject Headers Databases Select Document **Ouality Rating** E-Card Catalogue Keyword Sets Select Lexicons E-card Catalogue Category Subjects Format Characteristic Select Data Items Tables Generic Search Output to Database Doc #1* Professional Designations **Body Parts** Medical Terms Names Doc #2* Professional Designations **Body Parts** Medical Terms Names Doc #3* Professional Designations **Body Parts** Medical Terms Names Doc #4* Professional Designations **Body Parts** Medical Terms Names Doc #5* Professional Designations **Body Parts** Medical Terms Names Doc #6* Professional Designations **Body Parts** Medical Terms **Names** Doc #7* Professional Designations

Body Parts

Names

Medical Terms

^{*} as an example

Figure 10

Diagram: Data Mining

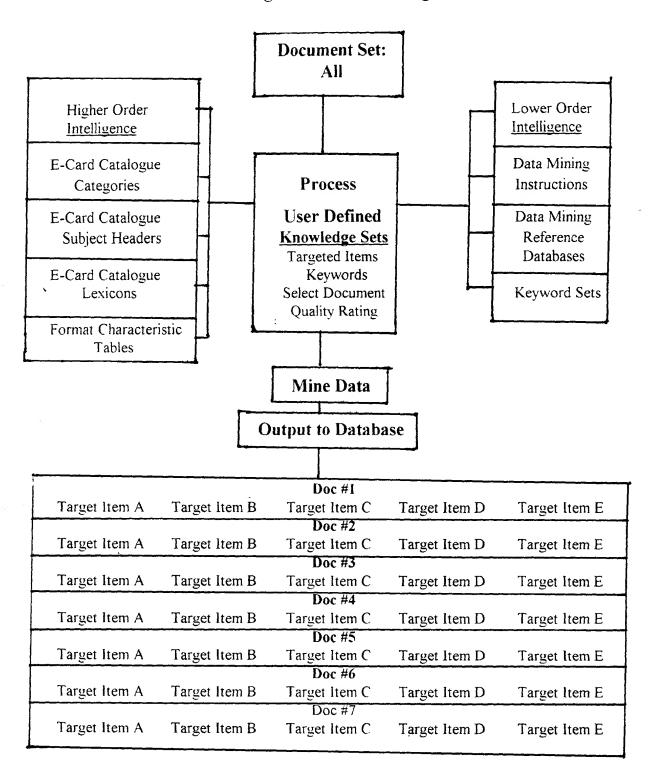
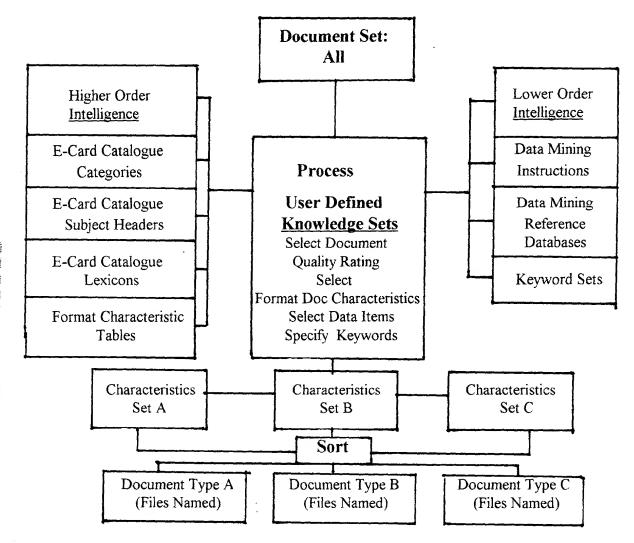


Diagram: Non Standard Forms Processing



Mine Data Appropriate to Document Type

Document Type B	Document Type C
(File Name)	(File Name)
Mined Data	Mined Data
(File Name)	(File Name)
Mined Data	Mined Data
(File Name)	(File Name)
Mined Data	Mined Data
	(File Name) Mined Data (File Name) Mined Data (File Name)

Output to Database

Harana Terres

Figure 12

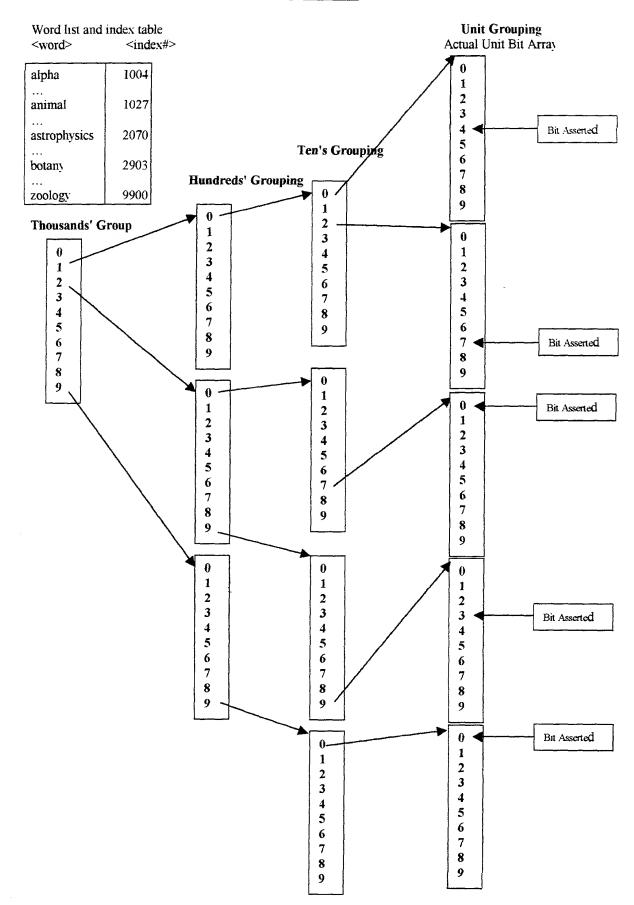


Figure 13

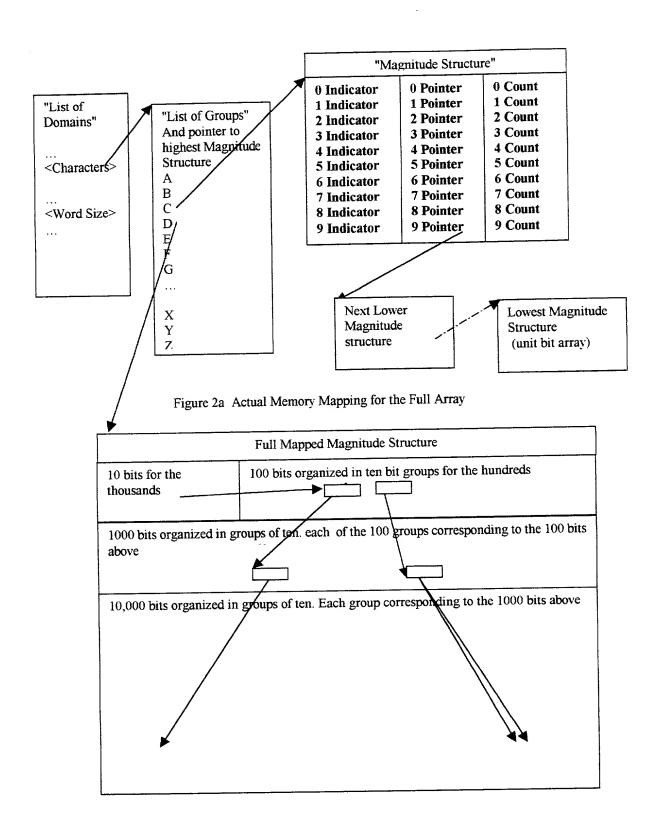


Figure 14

